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**west virginia** department of environmental protection

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Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: (304) 926-0475 • FAX: (304) 926-0479

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

December 2, 2016

**CERTIFIED MAIL**

91 7199 9991 7037 0977 6534

Alex Bosiljevac  
625 Liberty Avenue  
Suite 1700  
Pittsburgh, PA 15222

Re: EQT Production Company  
PEN-54 Wellpad, Pennsboro, Ritchie County, WV 26415  
General Permit Registration No. G70-D209  
Plant ID No. 085-00058

Dear Mr. Bosiljevac:

Your application for a permit as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed general permit registration G70-D209 is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

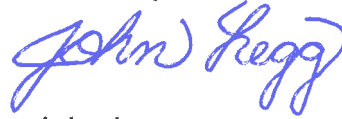
The source is not subject to 45CSR30 (Title V).

In accordance with 45CSR22 - Air Quality Management Fee Program, the permittee shall not operate nor cause to operate the permitted facility or other associated facilities on the same or contiguous sites comprising the plant without first obtaining and having in current effect a Certificate to Operate (CTO). Such Certificate to Operate (CTO) shall be renewed annually, shall be maintained on the premises for which the Certificate has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1257.

Sincerely,



John Legg  
Permit Writer

Enclosures

c: Kenneth Kirk, EQT Production Company  
[KKirk@eqt.com](mailto:KKirk@eqt.com)

[ABosiljevac@eqt.com](mailto:ABosiljevac@eqt.com)

*West Virginia Department of Environmental Protection  
Division of Air Quality*

*Earl Ray Tomblin  
Governor*

*Randy C. Huffman  
Cabinet Secretary*

**Class II General Permit  
G70-D Registration to Construct**



for the  
Prevention and Control of Air Pollution in regard to the  
Construction, Modification, Relocation, Administrative Update and  
Operation of Natural Gas Production Facilities Located at the Well Site

*The permittee identified at the facility listed below is authorized to  
construct the stationary sources in accordance  
with all terms and conditions of General Permit G70-D.*

**G70-D209**

Issued to:  
**EQT Production, LLC**  
**PEN-54 Wellpad**  
**085-00058**

A handwritten signature in blue ink, appearing to read "William F. Durham", is written over a horizontal line.

*William F. Durham  
Director*

*Issued: December 02, 2016*

This Class II General Permit Registration does not supercede or replace another Class II General Permit Registration.

Facility Location: Pennsboro, Ritchie County, West Virginia 26415  
Mailing Address: 625 Liberty Avenue, Suite 1700, Pittsburgh, PA 15222  
NAICS Code: 211111 – Crude petroleum and natural gas extraction  
SIC Code: 1311 – Crude petroleum and natural gas  
Longitude Coordinates: -80.92734 W  
Latitude Coordinates: 39.25742 N  
Registration Type: Construction  
Description of Change: Permit Registration for the following equipment:

- Twelve (12), 400 barrel storage tanks for produced fluids (condensate/water) controlled by two (2) combustors, one rated at 19.22 MM Btu/hr and one rated at 11.66 MM Btu/hr;
- Two (2), 140 barrel storage tanks for sand and produced fluids from the sand separator (vapors from this tank may be controlled by combustors but are not represented as controlled in this application/registration);
- Eleven (11) line heaters rated at 1.54 MM Btu/hr each (heat input);
- Three (3) thermoelectric generators (TEGs), each rated at 0.013 MM Btu/hr (heat input);
- Two (2) low pressure separators and associated 1.15 MM Btu/hr line heaters;
- Two (2) vapor recover units (VRUs) each powered by a natural gas-fired, 400 hp engine;
- Produced fluid truck loading; and
- Associated piping and components.

*Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.*

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*The source is not subject to 45CSR30.*

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The registered natural gas production facility granted Class II General Permit registration by the Director shall not have a potential to emit any criteria pollutant in an amount equal to or greater than the following:

Pollutant	Maximum Annual Emission Limit (tons/year)
Nitrogen Oxides	50
Carbon Monoxide	80
Volatile Organic Compounds	80
Particulate Matter – 10/2.5	20
Sulfur Dioxide	20
Any Single Hazardous Air Pollutant	8
Total Hazardous Air Pollutants	20

**G70-D Annual Certification.** Annually from the date of G70-B/C/D registration issuance, the registrant shall prepare and submit a G70-D Annual Certification for the previous year, addressing the potential emissions from the facility (using a generally accepted model or calculation methodology) and an updated Emission Units/ERD/APCD table (if necessary). The registrant shall pay an annual \$1,000 certification fee to the Director. The fee shall be paid by negotiable instrument made payable to the "DEP-Division of Air Quality".

**The G70-D Annual Certification is due by (*December 01*) of each calendar year.**

## Permit Section Applicability for the Registrant

*All registered facilities under General Permit G70-D are subject to Sections 1.0, 2.0, 3.0, and 4.0 of General Permit G70-D.*

The following additional sections of General Permit G70-D apply to the registrant:

GENERAL PERMIT G70-D APPLICABLE SECTIONS	
<input checked="" type="checkbox"/> Section 5.0	Gas Well Affected Facility (NSPS, Subpart OOOO/OOOOa)
<input checked="" type="checkbox"/> Section 6.0	Storage Vessels Containing Condensate and/or Produced Water <sup>1</sup>
<input type="checkbox"/> Section 7.0	Storage Vessel Affected Facility (NSPS, Subpart OOOO/OOOOa)
<input checked="" type="checkbox"/> Section 8.0	Control Devices and Emission Reduction Devices not subject to NSPS Subpart OOOO/OOOOa and/or NESHAP Subpart HH
<input type="checkbox"/> Section 9.0	Small Heaters and Reboilers not subject to 40CFR60 Subpart Dc
<input type="checkbox"/> Section 10.0	Pneumatic Controllers Affected Facility (NSPS, Subpart OOOO/OOOOa)
<input type="checkbox"/> Section 11.0	Pneumatic Pump Affected Facility (NSPS, Subpart OOOOa)
<input checked="" type="checkbox"/> Section 12.0	Fugitive Emissions GHG and VOC Standards (NSPS, Subpart OOOOa)
<input checked="" type="checkbox"/> Section 13.0	Reciprocating Internal Combustion Engines, Generator Engines
<input checked="" type="checkbox"/> Section 14.0	Tanker Truck Loading <sup>2</sup>
<input type="checkbox"/> Section 15.0	Glycol Dehydration Units <sup>3</sup>

*1 Applicants that are subject to Section 6 may also be subject to Section 7 if the applicant is subject to the NSPS, Subpart OOOO control requirements or the applicable control device requirements of Section 8.*

*2 Applicants that are subject to Section 14 may also be subject to control device and emission reduction device requirements of Section 8.*

*3 Applicants that are subject to Section 15 may also be subject to the requirements of Section 9 (reboilers). Applicants that are subject to Section 15 may also be subject to control device and emission reduction device requirements of Section 8.*